

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 034827-0702		SERIAL NO. 10/011,855		
<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>				APPLICANT BAUMANN et al.				
				FILING DATE December 4, 2001		GROUP ART UNIT 1645		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
BL	AA	4,868,105	09/1989	Urdea et al.	435	6	12/11/1985	
↓	AB	5,527,669	06/1996	Resnick et al.	435	5	05/10/1994	
	AC	5,538,848	07/1996	Livak et al.	435	5	11/16/1994	
	AD	5,691,146	11/1997	Mayrand	435	6	09/11/1996	
	AE	5,723,591	03/1998	Livak et al.	536	22.1	11/15/1995	
	AF	5,736,333	04/1998	Livak et al.	435	6	06/04/1996	
	AG	5,837,442	11/1998	Tsang	435	5	10/28/1996	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
BL	AH	0529493 B1	17/12/97	EPO	C12Q	1/70	XX	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
BL	AI	Beames et al., "Development of a Primary Tamarin Hepatocyte Culture System for GB Virus-B: A Surrogate Model for Hepatitis C Virus," Journal of Virology, 74(24):11764-11772, 2000.						
	AJ	Bukh et al., "Sequence Analysis of the 5' Noncoding Region of Hepatitis C Virus," Proc. Natl. Acad. Sci. USA, 89:4942-4946, 1992.						
	AK	Chu et al., "Postsynthesis Functionalization of Oligonucleotides," Methods in Molecular Biology, 26:145-165, 1994.						
	AL	Henning et al., "A Novel RT-PCR for Reliable and Rapid HCV RNA Screening of Blood Donations," Transfusion, 41:1100-1106, 2001.						
	AM	Hileman et al., "Synthesis and Characterization of Conjugates Formed Between Periodate-Oxidized Ribonucleotides and Amine-Containing Fluorophores," Bioconjugate Chem., 5:436-444, 1994.						
↓	AN	Kawai et al., "Quantification of Hepatitis C Virus by TaqMan PCR: Comparison with HCV Amplicor Monitor Assay," Journal of Medical Virology, 58:121-126, 1999.						
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B C : 8/20/2006

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BL	BA	5,866,336	02/1999	Nazarenko et al.	435	6	01/03/97	
↓	BB	5,876,930	03/1999	Livak et al.	435	6	11/15/95	
	BC	5,952,202	09/1999	Aoyagi et al.	435	91.2	03/26/98	
	BD	6,028,290	02/2000	Yashuhara et al.	219	130.1	08/05/98	
	BE	6,030,787	02/2000	Livak et al.	435	6	12/07/98	
	BF	6,060,240	05/2000	Kamb et al.	435	6	12/13/96	
	BG	6,150,107	11/2000	Glazer et al.	435	6	10/01/98	
	BH	6,258,569	07/2001	Livak et al.	435	91.1	11/08/99	
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							YES	NO
	BI							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
BL	BJ	Kleiber et al., "Performance Characteristics of a Quantitative, Homogeneous TaqMan RT-PCR Test for HCV RNA," Journal of Molecular Diagnostics, 2(3)158-166, 2000.						
↓	BK	Komurian-Pradel et al., "Quantitation of HCV RNA Using Real-Time PCR and Fluorimetry," Journal of Virological Methods, 95:111-119, 2001.						
	BL	Landegren et al., "DNA Diagnostics-Molecular Techniques and Automation," Science, 242:229, 1998.						
	BM	Martell et al., "High-Throughput Real-Time Reverse Transcription-PCR Quantitation of Hepatitis C Virus RNA," Journal of Clinical Microbiology, 37(2)327-332, 1999.						
	BN	Matthews et al., "Analytical Strategies for the Use of DNA Probes," Analytical Biochemistry, 169-1-25, 1988.						
	BO	Meng et al., "Automated Multiplex Assay System for Simultaneous Detection of Hepatitis B Virus DNA, Hepatitis C Virus RNA, and Human Immunodeficiency Virus Type 1 RNA," Journal of Clinical Microbiology, 2937-2945, 2001.						
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<ul style="list-style-type: none"> <li>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</li> </ul>								

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BL	CA	6,297,016	11/02/01	Egholm et al.	435	6	10/08/99
↓	CB	6,316,230	11/13/01	Egholm et al.	435	91.1	08/13/99
	CC	6,316,610	11/13/01	Lee et al.	536	23.1	03/20/01
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	CD						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
BL	CE	Mercier et al., "Simultaneous Screening for HBV DNA and HCV RNA Genomes in Blood Donations Using A Novel TaqMan PCR Assay," Journal of Virological Methods, 77:1-9, 1999.					
↓	CF	Theodore E. Millfin, "Use and Applications of Nucleic Acid Probes in the Clinical Laboratory," Clinical Chemistry, 35(9):1819-1825, 1989.					
	CG	Morris et al., "Rapid Reverse Transcription-PCR Detection of Hepatitis C Virus RNA in Serum by Using the TaqMan Fluorogenic Detection System," Journal of Clinical Microbiology, 34(12):2933-2936, 1996.					
	CH	Petrik et al., "High Throughput PCR Detection of HCV Based on Semiautomated Multisample RNA Capture," Journal of Virological Methods, 64:147-159, 1997.					
	CI	Randall Saiki, "Amplification of Genomic DNA," PCR Protocols: A Guide to Methods and Applications, Academic Press, Ch. 2, pg. 13-20, 1990.					
	CJ	Van Schie et al., "Semiautomated Clone Verification by Real-Time PCR Using Molecular Beacons," BioTechniques, 29:1296-1308, 2000.					
	CK	Wharam et al., "Specific Detection of DNA and RNA Targets Using a Novel Isothermal Nucleic Acid Amplification Assay Based on the Formation of a Three-Way Junction Structure," Nucleic Acids Research, 29(11):1-8, 2001.					
↓	CL	Hafner et al., "Isothermal Amplification and Multimerization of DNA by Bst DNA Polymerase," BioTechniques, 30:825-867, 2001.					
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<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	DB						
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
BL ↓	DC	Young et al., "Detection of Hepatitis C Virus RNA by a Combined Reverse Transcription-Polymerase Chain Reaction Assay," Journal of Clinical Microbiology, 31(4):882-886, 1993.					
	DE	Young et al., "Detection of Hepatitis C Virus RNA by a Combined Reverse Transcription PCR Assay: Comparison with Nested Amplification and Antibody Testing," Journal of Clinical Microbiology, 33(3):654-657, 1995.					
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